

Algebra 2

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Objectives:

This course is designed as an intermediate course in high school algebra. It will serve as a preparatory course for higher level courses like Bridge Math and College Algebra.

Topics to be covered will include...

- Relations and Functions
- Equations and Inequalities
- Quadratics
- Polynomial Theory
- Exponential and Logarithmic Functions
- Sequences and Series
- Probability and Statistics
- Trigonometry
 - Calculations
 - Trigonometric Functions
- Anything else that I deem interesting...

This course is **not** a re-teaching of topics covered in Algebra 1. While some of those topics will be covered, they will serve as building blocks for higher level material. Students should be expected to show proficiency in topics already learned in order to proceed in this course.

Required Materials:

- Pencil/Pen
- Notebook
 - Preferably Spiral
- Calculator
 - Scientific. Must have Trigonometric Functions, Logarithms, etc. Take a picture and send it to me if you have a question before purchasing. Students will need one to complete homework assignments.
 - *I will provide graphing calculators for use in class only.*

Grades:

In the fall semester, grades will be calculated as follows...

40% Homework/Quizzes	40% Chapter Exams	20% Midterm/Final
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In the spring semester, grades will be calculated as follows...

30% Homework/Quizzes	30% Chapter Exams	15% Midterm/Final
25% End of Course Exams		

Homework:

Homework will be given at the conclusion of each lesson. It will be graded for completion out of five points. Students may receive either zero points (not turned in), one point (partially completed), or five points (very close to or fully completed).

All homework for a particular chapter is due at the end of the chapter. If it is turned in after the chapter without good reason, you will receive a maximum of four points based on completion.

Quizzes:

Quizzes will be given every few days as needed. They will only cover the material taught over the previous few days. Grades could range from 5-20 points.

If a student misses a quiz, he or she may choose to take the grade of their chapter test. This is so students and parents do not have to alter their afternoon schedule for a five question quiz.

Chapter Exams:

Chapter exams will be given at the conclusion of each chapter. They will be worth 100 points.

Chapter exams must be made up before or after school. They may not be made up during class.

Projects/Papers:

Occasionally throughout the year, I may assign projects or research papers. These will be counted as test grades and will be worth between 50-100 points.

I will not drop any grades. If an entire class performs poorly on an exam, then I will either adjust the grades or give a second exam.

Classroom Rules:

- 1) Don't be mean.
- 2) Don't distract anyone from learning.
- 3) Use classroom free time (usually last 20 minutes) appropriately.

About the Teacher:

I was born and raised just outside Oak Ridge, TN. I attended Karns High School and then the University of Tennessee. I stayed there for six years while earning a B.S. in Mathematics and a M.S. in Education. Afterwards, I moved to Crossville to teach and I have lived here ever since. I enjoy reading, running, chess, playing the mandolin, University of Tennessee athletics, West Ham United, and U.S. Soccer.

Parent Signature: _____

Student Signature: _____